

Chief, Intelligence Information Staff, ORR

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THRU : Acting Chief, Industrial Division, ORR

Acting Chief, Guided Missile Branch, D/I

Requirements for Missile Facilities on KILGIN Class Destroyers

BACKGROUND

1. Photography has established the existence of Soviet destroyers, (designated KILGIN class) in the fleet areas of the Baltic Sea and the Black Sea, which have unusual destroyer configurations. Analysis of this photography indicates that these ships have the familiar NOTLIN destroyer hull; the change in the configuration is almost certainly for the purpose of launching some kind of guided missile. (See attached graphics.) The importance of continued photographic coverage cannot be over-emphasized. However, it is felt that additional information may well be available from other potential sources; e.g., Soviet naval personnel, civilian workers, and others whose presence at or near naval construction yards and naval bases may have made them cognizant of the desired information about this class of destroyer. (Such primary sources might, in turn, be accessible to merchant seamen of other nationalities, for example.)

2. The KILGIN class destroyers are being built at:
 - a. Zhdanov Shipyard No. 190 in Leningrad (Refs. a. and b.)
 - b. The Northern Shipyard in Nikolayev (Refs. a. and f.)
3. These destroyers are possibly being built at:
 - a. The ANOK Shipyard No. 199 in Komsomolsk (Refs. c. and d.)
4. These destroyers most likely are stationed at:
 - a. Kronstadt Naval Base at Leningrad (Ref. g.)
 - b. The naval base at Sevastopol (Ref. h.)
 - c. The naval base at Vladivostok (Ref. i.)
5. Naval operating bases where supplies of missiles may be stored for transfer to the fleet:
 - a. Tallinn (Ref. f.)
 - b. Riga (Ref. f.)
 - c. Feodosiye (Ref. h.)

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REQUIREMENTS

1. The Function of the Missile. It could be a surface-to-surface, surface-to-air, or a dual purpose missile. There is also the possibility that the system may have an anti-submarine capability. This information might be provided by questioning concerning missile type or questioning concerning the types of targets against which the missiles are employed. Detailed information concerning the radar employed in the missile system could also provide knowledge of missile purpose.

2. The Characteristics of the Missile. Missile performances can be estimated from information concerning missile size, configuration, fuel and type of guidance used. Details of firing exercises, such as range, speed and type of target employed, could also provide a basis for estimating missile performance.

3. The Facilities for Producing the Missile. This includes their location and any details obtainable concerning plant output, size, layout, labor force, production capacity and their relationship with other installations. As there are no known plants producing these missiles, suggestions as to where to look are difficult to make. The delivery of missiles to naval bases might provide a starting point for attempting to locate production facilities. If shore-based missile storage facilities can be located [redacted]

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[redacted]

REFERENCES

- a. ONI Port Intelligence Study 46-62; "Shipyards U.R.S."; May 1955.
~~SECRET~~
- b. NIS 26, Part 3, Section 6; Shipyards, Baltic Sea; 1957. ~~SECRET~~
- c. NIS 26, Part 1, Section 6; Supplement 1; "Shipyards, Pacific Coast"; Nov. 1956. ~~SECRET~~
- d. CIA/RR 43, "AMUR Shipyard No. 199, Komsomolsk, Khabarovskiy Kray", 22 Sep 1954. ~~SECRET~~
- e. ONI Port Intelligence Study 46-61; "Shipyards, Black Sea"; Oct 1954. ~~SECRET~~
- f. NIS 26, Part 4, Section 6; Supplement; "Shipyards, Black and Caspian Sea"; June 1957. ~~SECRET~~
- g. NIS 26, Part 3, Section 5; Supplement 1; "Naval Facilities, Leningrad"; Nov 1957. ~~SECRET~~

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- h. NIS 26, Part 4, Section 5, Supplement 1; "Naval Facilities, Sevastopol"; June 1957. SECRET
- i. NIS 26, Part 1, Section 5, Supplement 1; "Naval Facilities, Vladivostok"; Nov 1956. SECRET

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[REDACTED]

Attachment: Photograph, and sketches of KILMIN class destroyer with and without apparatus (2 sheets).

Distribution:

Original & 1 - Addressee
1 - Chief, D/I
1 - Chief, I/GM
25X1A9a 3 - I/GM/N

ORR/D/I/GM [REDACTED] :pmp/4291 (17 June)

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